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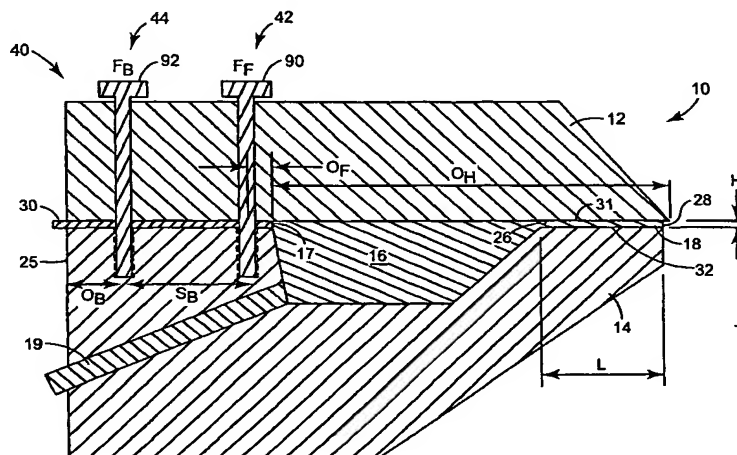
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— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE,

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(54) Title: METHODS FOR FORMING A COATING LAYER HAVING SUBSTANTIALLY UNIFORM THICKNESS, AND DIE COATERS



(57) Abstract: A method for forming a coating layer is provided according to the invention. The method includes steps of assembling a die coater comprising a first die block (12), a second die block (14), and a plurality of fasteners (40) holding the first die block and the second die block together, wherein each of the plurality of fasteners provides a compression force between the first die block and the second die block, and the first die block and the second die block are constructed to provide an internal manifold (16) and a coating slot (18), and extruding a coating material through the internal manifold and the coating slot. The coating slot can be adjusted to provide a more uniform coating slot along the length of the coating slot by adjusting the compression force of the fasteners, utilizing an offset bracket (80), adjusting the die bolt locations, adjusting the die overhang, providing a non-uniform shim (30), or a combination thereof. A die coater is additionally described.



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